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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Division of Oil, Gas and Mining

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Division Director

April 8, 2008

David Taylor
Miracle Rock Mining and Research
400 South 200 East
P. O. Box 76
Emery, Utah 84522

Subject: Reclamation Surety Calculations and Remaining Deficiencies, Miracle Rock Mining and Research, Rockland Mine, M0150040, Task 2195, Emery, County, Utah

Dear Mr. Taylor:

The Division has completed its review of your Notice of Intention to Commence Large Mining Operations received January 14, 2008. We appreciate the improvements to the plan. There are a few issues that still need to be resolved:

1. Page 5 of the plan says part of the subsoil is stored as a berm around the perimeter of the pad. Unless it is protected in some way, this is likely to be the first material used to backfill the highwall. Please show how this subsoil will be protected. (PBB)
2. The plan on page 6 says the vegetation cover standard would be 19.6 percent which means the premining vegetation cover is 28 percent. It appears from the vegetation survey that the premining cover value is 27 percent, and the minimum revegetation standard would be 18.9 percent. This is a minor change but adds clarity to the plan. (PBB)
3. Please include a copy of the storm water plan. (PBB)
4. Due the potential for extreme events, the Division needs designs or justification for the reclaimed ephemeral channel over regraded fill at the south end of the mine site. Please provide these designs. It would seem appropriate in this environment to not create a channel over fill. In a flash flood kind of storm, any channel would most likely be destroyed. A dissipation basin with large rocks might work better. Please provide designs for the 100 year storm for the existing channel or provide other suggestions. What is the drainage area that contributes to this channel? (TM)

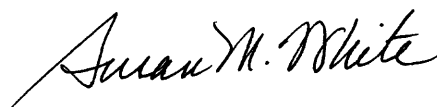


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The plan is sufficiently complete that it should be possible to calculate a reclamation surety. Please provide a spreadsheet with direct costs. An electronic copy would also be appreciated, and it could be sent by electronic mail to paulbaker@utah.gov. The Division will calculate and add the indirect costs, such as supervision, contingency, and escalation.

Please contact me at 801-538-5261 or Paul Baker at 801-538-5261 if you have questions about this letter. Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Susan M. White".

Susan M. White
Mining Program Coordinator
Minerals Regulatory Program

SMW:PBB:pb

cc: John Blake, SITLA

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